

WHAT IS CLAIMED IS:

*Sub 1*  
1. A communication method for transmitting data from a server to a requesting computer, said method comprising steps of:

receiving a request for a data item at the server;

5 receiving a speed indication signal at the server from the requesting computer; and

transmitting at least a portion of the data item to the requesting computer at a rate based on the speed indication signal.

10 2. A communication method according to claim 1 in which the transmitting step comprises substeps of:

determining a block size based at least on, the speed indication signal;

determining a period based at least on, the speed indication signal;

transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

15 *Sub 2*  
3. A communication method according to claim 1, further comprising steps of:

accessing a remote computer indicated in an address included in the request; and

receiving the first data item from the remote computer.

20 4. A communication method according to claim 1 further comprising steps of reading the data item from a memory associated with the server.

**EXPRESS MAIL NO.: EL470370879US**

A communication method for transmitting data from a server to a requesting computer, said method comprising the steps of:

accepting a user request for a data item at a client computer;

accepting a user input speed setting at the client computer;

5           generating a schedule for issuing pause transmission and resume transmission  
signals based on the user input speed setting;

transmitting the user request for a data item to a server computer;

sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.

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**EXPRESS MAIL NO.: EL470370879US**

6. A communication system for transmitting data from a server to a requesting computer comprising:

a means for receiving a request for a data item at the server;

a means for receiving a speed indication signal at the server from the requesting

5 computer;

a means for transmitting at least a portion of the data item to the requesting computer at a rate based on the speed indication signal.

7. A communication system according to claim 6 in which the transmitting means comprises:

a means for determining a block size based, at least on, the speed indication signal;

a means for determining a period based, at least on, the speed indication signal;

a means for transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

8. A communication system according to claim 6, further comprising:

a means for accessing a remote computer indicated in an address included in the request; and

a means for receiving the first data item from the remote computer.

9. A communication system according to claim 6 further comprising means for reading the data item from a memory associated with the server computer.

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**EXPRESS MAIL NO.: EL470370879US**

11. A computer readable medium containing programming instructions for data communication comprising programming instructions for:

receiving a request for a data item at a server;

receiving a speed indication signal at the server from the requesting computer;

transmitting at least a portion of the data item in accordance with the speed indication signal.

12. A computer readable medium according to claim 11 wherein the programming instruction for transmitting comprises programming instructions for:

determining a block size based on, at least, the speed indication signal;

determining a period based on, at least, the speed indication signal;

transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

13. A computer readable medium according to claim 11, further comprising programming instructions for:

accessing a remote computer indicated in an address included in the request; and

receiving the first data item from the remote computer.

14. A computer readable medium according to claim 11, further comprising programming instructions for reading the data item from a memory associated with the server computer.

**EXPRESS MAIL NO.: EL470370879US**

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15. A computer readable medium containing programming instructions for data communication comprising programming instructions for:
- accepting a user request for a data item at a client computer;
  - accepting a user input speed setting at the client computer;
  - 5 generating a schedule for issuing pause transmission and resume transmission signals based on the user input speed setting;
  - transmitting the user request for a data item to a server computer;
  - 10 sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.
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